

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: bill@skeeter.frco.com (William Hawkins)
Subject: .. We'd have to shoot you.
Message-ID: <9612200559.AA02867@skeeter.frco.com>

The cover of the Final Engineering Report on Radio Receivers R-389()/URR and R-390()/URR, dated September 15, 1953, has the following paragraph:

"This document contains information affecting the national defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C., Sections 793 and 794. The transmission or the revelation of its contents in any manner to an unauthorized person is prohibited by law."

The second document, Cost Reduction Program For Radio Receivers, R-390/391()/URR, Final Progress Report (no date) is not classified, and its pages don't all say RESTRICTED.

I'll probably scan the 31 pages of the Cost Reduction and try to reduce it to a plain text file, but not the classified one. Apparently I became "authorized" when Paul Zecchio got my check for \$43.

Regards,
Bill Hawkins

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: Dennis Gibbs <dgibbs@rational.com>
Subject: RE: .. We'd have to shoot you.
Message-ID: <01BBEE55.30AD1160@meninx.ppp.rational.com>

My understanding is that these documents were declassified as recently as 1985. The story I heard is that someone pushed to get this to happen. The fact that the story of the design of this receiver was classified to me is a testament to the advanced design of this great radio.

Happy Holidays,

Dennis
dgibbs@rational.com

From: William Hawkins[SMTP:bill@skeeter.frco.com]

Sent: Thursday, December 19, 1996 7:04 PM
Subject: .. We'd have to shoot you.

The cover of the Final Engineering Report on Radio Receivers R-389()/URR and R-390()/URR, dated September 15, 1953, has the following paragraph:

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.
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From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: Cal Eustaquio N6KYR <ceustaqu@dot.w6bhz.calpoly.edu>
Subject: 32V2 Finale and addendum
Message-ID: <Pine.SUN.3.91.961220063641.1486A-100000@dot.w6bhz.calpoly.edu>

On Sun, 15 Dec 1996, Cal Eustaquio N6KYR wrote:

> Hi folks:
> This is the "climactic ending" you've been waiting for.
>
> I kept looking at the 32V2 and it kept staring back at me. No longer
> wanting to wait for the Antique E.S. package to arrive, I borrowed an 0B2
> and 6SN7 from a buddy (actually, he let me have them for free). I put
> some temporary jumpers across the requisite terminal points on the
> barrier strip on the back and loaded the fuses inside the holders. I
> first thought that I otta put a 100 watt lamp in series with the ac line
> but I had enough extra fuses just in case (besides, the rig would've been
> protected either way). I then switched on the l.v. switch and put the
> meter on l.v. and brought the variac up. The band was set at 75 meters
> and the dial lamp began to glow (indicating that the new P.Dahl xfmr was
> working). I kept on bringing up the voltage to normal line and let it
> sit there, looking at the l.v. meter. After five minutes of letting the V
> warm up, I hooked up the dummy load and the power meter the the antenna
> connector and switched the tune/operated switch to tune. Then, I switch
> on the h.v. switch and saw the 0B3 tube come up bright orange and the 0A2
> and 0B2 reg tubes blink bluish purple. The 4D32 lit up bright blue all
> over and the final meter came up to about 100mA. I dipped the plate and
> tuned the antenna load for max pwr out. The 4D32 plate reading seemed
> slightly erratic, but I suppose some of the gases that were present in
> the tube were being "got" by the getter.
>
> After 30 seconds, the final current was stable. I switched over to the
> operate position and switched the h.v. on again. I got about 100 watts

> out. I pulled a Shure 44S mic off the shelf and plugged it into the mic
> socket. Unfortunately, the chassis mic connector was loose (meaning I'd
> have to pull out the rig from the case again. Oh well, it still needed
> some final adjustments). Putting the mode switch to phone, I found that
> the idle current was low (about 25 mA for the modulators). I found the
> bias adjustment and cranked up the reading to 50 mA. I keyed the mic and
> got the specified modulation peaks described by the manual. I pulled out
> my SX-100 to monitor the output of the V and it seems clean (although the
> audio sounded tight).

>

> As of 14 December 1996, at 0009 hours, Collins 32 V2 transmitter, serial #1776
> was reactivated back into the ranks of the "living BA's." Two years ago, she
> came to me in basically junker condition. Nearly 100 hours of painting,
> location of parts, relabeling the front panel, research, documentation and
> photography, changing out of rusted hardware, and what have you, she's
> back in business.

>

> My next project is to get its mate, a 75A2, re-calibrated and tuned. I
> should have both rigs in full fighting trim before 1997. My thanks to all
> who helped on this project. Cal.

>

Folks (and Jack). I am reposting the above in its entirety since there
were many folks interested in the progress of my Collins 32V2
restoration. But, my server was down and Carl graciously reposted my
message. However, I suspect many did not grasp the repost because of the
title, hence, here it is again.

What had happened since the restoration was I almost blew all
that work on a pretty stupid maneuver. I plugged the transmitter in and
the switch was left on H.V. on and on CW, no load, and on full power.
My intent was to test the V2 on CW and check its characteristics. I went
into my shack to tune up my 51J4 while my V2 was warming up in the living
room. Came back 1 minute later and discovered to my horror that the V2
was keying into an infinite load (i.e. nuttin')! I quickly shut the h.v.
ps. switch off and checked for any signs of smoke, damage, etc. Bless the
BA technology. Designed to take a nuclear emp hit and negligent hams like
myself. Turns out that the output wasn't affected, but I wondered why my
precious 4D32 was glowering an angry blue-red at me. Sorry, tube. I put
the V2 on a dummy load and checked the power out. Output is around 75-80
watts on the 600 VDC setting for a used tube (over 100W on the 700 VDC
set), so I assumed all was good. Connected it to a key and discovered
that the key jack constantly keyed down (unless I pulled the plug
partially out). Seems as though (I recall) some of the older phone plugs
weren't as long as the newer ones. Correct me if I'm wrong, folks. But
that seems to be a minor thing. Quality of the keying (even using an Eico
keyer) seems to be pretty good (enuf for SK nite). In fact, I'm hauling my
75A2 this weekend from Salinas for a refit and "xcv" operation with the
V2. I'll let you know what happens. Incidentally, what is the normal

power out for the 32V2? Does anybody know? Cal.

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: jschwart@ix.netcom.com (John Schwartzberg)
Subject: Re: 32V2 Finale and addendum
Message-ID: <199612202016.MAA01572@dfw-ix7.ix.netcom.com>

> Incidentally, what is the normal
>power out for the 32V2? Does anybody know? Cal.

My 32V2 runs 110 watts out (measured on a Bird wattmeter) into a 52 ohm load with 700 volts on the plate and 210 mils of plate current. At 600 volts and 180 mils on the plate, the measured output is approximately 80 watts (or perhaps more correctly, my approximate recollection is 80 watts). These measurements are of unmodulated carrier power in the AM mode.

I've compared numbers with three or four other guys locally who run 32V series transmitters, and they all seem to be pretty close.

I guess I should also mention that my transmitter is at home, and I'm at the office, working from memory. I'm fairly confident about my recollection of the output powers. I know the voltages are correct, and I'm pretty sure that the plate currents I recall are those specified by Collins. Forgive me if my memory isn't what I remember it to be (huh?).

Now, having covered my tail, here's a little quick math:

700V x .210A = 147W input
110W output/147W input = .75 ---> That's pretty impressive to me!

600V x .180A = 108W input
80W output/108W input = .74 ---> That's still pretty impressive to me!

I had never looked at the efficiencies before. Not only impressive, but surprising. Bobbi, can your transmitters boast that same efficiency ;-} ?
How about other BA transmitters?

73, and Happy Holidays to one and all!

John
N0GII

Denver, CO
jschwart@ix.netcom.com

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: Rodger Singley <rbsingl@rs6000.cmp.ilstu.edu>
Subject: a couple of ba's back in service
Message-ID: <9612201653.AA38284@rs6000.cmp.ilstu.edu>

The BA gods seemed to be smiling on my repair bench yesterday as I completed repairs on a couple of the vintage rigs. I have a CE20A which I picked up at very low cost (and for good reason!). Both the "modulator" (CE's cute term for these little 1/2 lb. guys) transformers had open windings. Managed to test one in another unit using my Clough Brengle bridge and found that these are 10 to 1 (approx.) transformers matching the audio to the balanced mixer. After looking through various catalogs for what seemed to be a good match in an audio interstage (proper impedance and likely to handle the voltage and current present), I had no success. Decided to try a couple of RS 12V filament xfmr's (looked at them on the scope using an HP200 to drive them and output looks clean and level thru the voice audio range and they will certainly handle the current!). I hid them below chassis and went through the alignment for the 20A finishing up using a spectrum analyzer to adjust the sideband suppression. I am getting at least 35 DB throughout the voice range (varies a little with frequency) so I think this will be good enough. Any vintage SSB nets to try this unit out on? I will probably pair it with the HQ180 I am getting from Ben.

Also got the power supply for my G76 set up-I had some difficulty trying to find a relay since the Gonset design uses a relay in series with the HV line. I ended up using a large older relay and it seemed to work fine on the low power setting. However when switched to the high setting (standard for AM phone) and running about 100 watts carrier in the relay created some impressive contact arcing! The addition of a .015 3kv rated cap across the contacts got rid of the arc and the unit is operational. Receiver even sounds good on SSB and CW although the selectivity is a little lacking since it is really designed for AM use mainly.

I will probably try to have the G76 on 3579.5 this weekend for a shakedown run.

Happy Holidays,
Rodger WQ9E

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: jproc@bellglobal.com
Subject: RE: Ancient Instructograph Code Machine...
Message-ID: <Chameleon.4.01.2.961219215841.jproc@>

>But this one is spring wound driven -- there is a crank that you turn to
>'wind it up' -- it feverously spins a wooden reel with paper tape

Jack,

You likely have an Instructograph unit but can't tell with words alone. There is usually a logo in the lid of the enclosure. For a positive ID, consult the ad section of any ARRL Handbook between 1930 and 1950, and you will likely find one of their ads. The Instructograph came in three variants depending on age:

- windup crank } external CPO required
- electric drive }
- transistorized CPO.

>From what I know, the 'Instructo appears to have its debut in March 1930 QST and the company stayed in business about 50 years and moving locations seven times.

I have a wind up 'Instructo aboard the ship. In my case, I had to design a replacement microswitch without ever having seen one and limited to the odd's and ends' found in my junkbox. Felt like I was taking a mechanical engineering test at MIT - the one where they give you a bunch of metal pieces then ask you to design something functional right on the spot:-)

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com
Radio Restoration Volunteer
HMCS Haida Naval Museum
Toronto, Ontario

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: Al Klase <alklase@prolog.net>
Subject: Re: AR-88 vs R-390A ???
Message-ID: <199612201410.IAA09713@uro.theporch.com>

At 03:08 PM 12/19/96 -0600, JOSE V.GAVILA (EB5AGV) wrote:

.....I wonder how do they compare in the real world, if it is possible to
>stablish such a comparison (as they are not too close in design). I want to
>know what the users think of them (which one would you choose?). I've seen
>(and recorded for reference) lots of messages about the R-390A, but only
>some about the AR-88.

The AR-88 is a straight-forward single-conversion superhet, and was a late pre-WWII design. It's perhaps one of the best radios of this era. It looks good, the light feel of its tuning, and good performance makes it a very good SWL "band cruiser". In casual use it will "hear" nearly as well as the R-390A.

The AR-88 suffers, at least to some degree, all of the single conversion buggaboos: Limited frequency accuracy. (Though resettability is pretty good due to the gear driven single-knob tuning.) Lack of frequency stability, especially at higher freq's. Images at higher freq's.

The R-390 and R-390'a were designed after the war with the express intent of solving the problems inherent in previous receivers. They use a triple-conversion architecture, and were genuinely superior receivers for that time period. You need to keep in mind that the R-390 cost at least ten times as much as the AR-88. I have a warm place in my heart for a short-wave receiver that cost as much as a good automobile. In short the 390's are stable, sensitive, flexible and accurate. However they are also heavy, ugly, and a pain to tune (e.g. from the bottom to the top of 49 meters.) Also, you better have your act together as an electronic technician and a mechanic if you're going to work on it.

I'm sure you'll enjoy both of these receivers.

73,
Al

Al Klase - N3FRQ
alklase@prolog.net
Flemington, NJ

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: BA/GB Net Over the Holidays
Message-ID: <9612202110.AA112642@csemail.cropsci.ncsu.edu>

Happy Holidays folks, and maybe I will get some time to plys de ol' ether wid ya on 1802R5/3579R545/7050KHZ after dark (official net time is 0200Z on 3579R545KHZ). I be wid ye in kindred spirit, an' if I can, aboard the BA/GB watch. As some Ol' Grizzled Pfarte was once reported ta say.....

``The bands are hot, the bottles they be a' glowin' brightly, an' the regeneration be on the ragged edge! Grapples ye up yer tin cans atop yer noggins, an' readys ye yer keys at the fore!"

73/ZUT DE NA4G/Boatanchor Bob UP

p.s. Mebbees we'uns can spits sparks on SKN, come New Year's eve. The ol' 80M an Top Band should be great fer dat fine occasion!

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: "Christopher A. Bowne" <radiobwn@q.continuum.net>
Subject: BC-312 /SCR-193 Stuff Wanted
Message-ID: <32BB4FBE.26BB@q.continuum.net>

The BC-191 now has a companion in a BC-312M. I'm now hoping to build up a replica SCR-193 system in a wood field radio case. To that end, I'm looking for the following:

BC-312 dynamotor and mounting frame/hardware for within the receiver.

Documentation for SCR-193 radio system, especially details of wooden case - dimensions, drawings, photos, etc.

Shock mounts for BC-191 and BD-77.

Anecdotal information from operators or others re use of these systems.

Info on the 12V gas generator set used to power it.

Wishing everyone on the list the best of Seasons Greetings!

73,

Chris Bowne, AJ1G
Stonington, CT
radiobwn@q.continuum.net

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: Jacqueline Herman <jherman@sierra.net>
Subject: Book for sale
Message-ID: <Pine.SUN.3.91.961220181427.20090C-1000000@diamond.sierra.net>

I'm at my Nevada QTH for 3 weeks using my mom's email account so ignore the name above.

I've got a copy of William Orr (W6SAI)'s BEAM ANTENNA HANDBOOK for \$5 if anyone is interested. It's from 1965; very thorough theory of beams;

very good condition.

I also want to recommend the following book to all those interested in maritime radio history: QTC - A SEAGOING RADIO OFFICER'S SCRAPBOOK, by Ray Redwood. Lots of neat old photos of shore and shipboard stations. One chapter is devoted to a minute-by-minute account of the Titanic disaster, including all the radio transmissions. He includes a lot of "what if" footnotes.

You have to write directly to him to get a copy (he autographed mine!). Write to Sequoia press, 2502 Cockburn, Austin TX 78745, and enclose \$10.95 for soft cover, \$17 for hard. Published in 1989. Worth every penny. His call is KA5HCX.

73 from chilly Nevada,
Jeff KH2PZ / 7

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: "Gary H. Harmon, Jr." <gharmon@txdirect.net>
Subject: Re: Book for sale
Message-ID: <199612210341.VAA01780@legend.txdirect.net>

Ditto on the "QTC" book. I got my hard cover copy several years ago at the non-defunct Manchacka hamfest. Ray was there and autographed mine also.

73,
gary

=====
At 08:26 PM 12/20/96 -0600, you wrote:

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>the name above.

>

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>

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>
>73 from chilly Nevada,
>Jeff KH2PZ / 7
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From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: bill@skeeter.frco.com (William Hawkins)
Subject: Cost Reduction Report, R390A
Message-ID: <9612202151.AA00551@skeeter.frco.com>

In looking thru my copy of the reports, I find that page 70 of the restricted R389, R390 report is missing. It is in the middle of a discussion of the R389 PT0, and I'd really like to see it. Can anyone send me a copy of that page?

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: km1h@juno.com
Subject: CV-157/URR info
Message-ID: <19961219.192306.9911.31.km1h@juno.com>

I came home today to find this beast sitting on the front porch

(thankfully an old fashioned NE covered one since it has been raining).
Nomenclature says Sideband Converter and mfg was Orion. An old Navy
friend who runs a 2 way radio shop wants to unload a bunch of this era
military stuff. He gave away 4 R390's a few years ago!

Before I decide to offer this to the BA I have a few questions.

1. Will it work with my 51J4 500KHz IF?
2. If answer to 1 is yes...who has a manual for sale?.....about 50% of
the tubes are missing. Otherwise it looks complete and original and
grungy.

Tnx for any assistance.....Carl

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: km1h@juno.com
Subject: F/S: TS-505D/U
Message-ID: <19961220.104648.7311.11.km1h@juno.com>

This old Navy VTVM been on a shelf since 1964. Needs alignment or repair,
meter wont zero. Inside looks like new.
Exterior needs a cleaning, otherwise in nice shape. Cover missing but I
might be able to find it. Make an offer.

Other stuff will be following me home this weekend. RBB, RBC, Radar
Scope, GR1001A and a few hundred pounds of other BA test gear, military
and commercial. Will post as soon as I can.

73.....Carl

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: "Greg Parsons A.K.A. Rat" <gregp@mis.net>
Subject: Florida
Message-ID: <2.2.32.19961220200845.0093d81c@pop.mis.net>

Hey gang,

Next week the YL and I are heading to Florida, near Tarpon Springs, any
good Boatanchor sites to see down there? I know I can sneak off for awhile hihi.

73,

An a Wonderful Yuletide to all.

Greg

ke4ooo

| Greg Parsons KE4000 gregp@mis.net gregp@lfucg.com gregp@studio.com |
| AMI #865 Who has the coffee? better yet, who has the Ale81s? |

NRA Life, SCCA, SCA, DOD <http://www.stdio.com/~gregp> <http://www.lfucg.com>

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: DEE ALMQUIST <SOUNDNMIND@rica.net>
Subject: FOUND SOME 4-400s
Message-ID: <19961220144434125.AAA166@har-dialin-32.rica.net>

Hi Anchorites

I recently had 3 4-400s tested (by JFF Reasearch) that I got at Dayton. These are pulls but have full output and are perfectly good. Some have asked for 4-400s in the past therefore the post. If any are still interested give me an e-mail or call.

Thanks

Dee, W4PNT (540)249-3161 fax:(540) 249-5064

PATTY AND DEE'S MARINA, COLLECTORS OF RADIOS THAT GLOW IN THE DARK...& TUBES.

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: J P Taillebois <jpt1@idirect.com>
Subject: fs/ GELOSO rcvr/DX-100/ other stuff.
Message-ID: <199612201325.IAA02813@nemesis.idirect.com>

Hello everyone ,

-10 celsius this morning. I am going to a silent auction on Saturday for the estate of a ham friend. Leftover from last week end.

I can take your bids for the following items as i am not interested in those for myself.

Geloso rcvr good condition,working original>manual and comes with Geloso VFO as a bonus.

DX-100 working, original>manuals, cosmetically 7.5, has wheels under to push it around. this one might be a problem for shipping. Maybe canadians hams would be interested.

DX-60 with VFO looks great(mint) manual working.

R-174 URR / NO cABINET / LOOKS LIKE HOME BREW PS

2 R-108 RCVR COMPLETE AS IS LOOKS OK

2-MAB HF WALKIE TALKIES LOOKS COMPLETE WITH ANTENNAS AND CANVAS CARRYING CASES

2-COMPLETE STATIONS PS/TRANSMITTER/RVR R-1004

ANYONE INTERESTED LET ME KNOW. AN I WILL SEE WHAT I CAN DO.

73

Jean Paul Taillebois 996 Greenlane court, Oshawa, Ontario, Canada M1K-2C6
e.mail jpt1@idirect.com
packet: ve3jpt@va3bbs
voice:905-723-1811
fax/data:905 723-9156
Collector: Hallicrafters, Central-Electronic, Gonset, Military BA, antique
radio memorabilia.

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: bharris@smtphub.scs.philips.com (Brian Harris)
Subject: FS: QSTs and other mags
Message-ID: <2b9c5160@scs.philips.com>

I have the following magazines for sale (FOB, Richardson, Texas):

QST

1957 - Feb - good condition - \$1
1959 - Aug - good condition - \$1
1961 - May, Nov - good condition - \$1 each
1964 - Dec - good condition - \$1
1967 - Aug - good condition - \$1
1969 - Jul, Nov - good condition - \$1 each
1965 - complete - good condition - \$10
1966 - Jan thru October - good condition - \$8
1971 - July thru Dec - good condition - \$5
1972 - complete - good condition - \$10
1972 - August - good condition - \$10
1973 - complete - good condition - \$10
1974 - complete - good condition - \$10
1975 - missing April - good condition - \$9
1987 - Mar thru Dec - good condition - \$8
1988 - complete - good condition - \$10
1989 - complete - good condition - \$10
1990 - missing January - good condition - \$9
1991 - complete - good condition - \$10

Popular Electronics - all below for \$10

1968 - Dec - good
1969 - Jan, Feb, May, June, July, Sept - good

1970 - June thru Nov - good
1971 - complete - good
1972 - Jan thru Nov - good

Electronics Illustrated - FREE to good home, postage paid

1969 - Jan - good
1972 - May - good

73 and Merry Christmas,

Brian Harris WA5UEK

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: Ronald H Steinberg <rhstein@interaccess.com>
Subject: FS: Mc Elroy
Message-ID: <3.0.32.19961219225647.00b44840@pop.interaccess.com>

For Sale:

Mc Elroy #RD-900-42 Radio Telegraph Signal Recorder
and Tape Puller 890-742
Call Bill Ross W9WR at 847 441 6462

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: Tom.Daley@530.gigo.com (Tom Daley)
Subject: fs: stuff
Message-ID: <f67_9612192046@gigo.com>

hello ba people the following items are for sale or trade.
i am looking for gonsets ! dont be shy with offers

1. heath hm2103 rf load wattmeter in good condition/works great dry load (real big resistor) in sb green color with 200 or 2000w scales. batt powered overtemp lamp ! orig manual \$60
2. heath qf1 q-multiplier good shape except cracked knob \$15
3. heath dx20 hf cw transmitter in complete and good shape front panel/knobs/meter good with some grime. case paint is missing in spots. chassis dusty untested \$60
4. morrow 5br ham rx converter good condx missing knobs and coil access cover. chassis is very clean and complete untested \$15
5. (2) knight c22 tube cb transceivers 1st is complete and is in good condx. with mic. 2nd unit has no case but looks like a complete chassis. units are rx vfo and xtal tx. with several tx xtals untested \$25 for pair

6. sonar fm40 fm biz band transceiver. looks like tube cb radio but fm in xtal control. unit is complete and in fair shape speaker grill pushed in (easy repair) restore for ham fm on 29.6 or 52.525 mhz. in 40 mhz range now. untested \$30

all above plus shipping thanks 73 tom in sacramento

--

: Fidonet: Tom Daley 1:203/530 .. speaking for only myself.

: Internet: Tom.Daley@530.gigo.com

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996

From: Jim Hall <jim_sr@pophost.micron.net>

Subject: Hallicrafters S-38B Wanted

Message-ID: <199612210328.UAA01294@snowden.micron.net>

Way back in 1950 (I was 13 at the time) I got a S-38B for Christmas. It was my first ham receiver and was responsible for getting me hooked on electronics (for good). I'm interested in purchasing one of these little green beauties for old times sake! Will pay top dollar, but am only interested if it is in top condition and operational.

Thanks,
Jim Hall W4TVI
Boise, Idaho

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996

From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>

Subject: Help Wanted: Noise blanker installation for KWM-1

Message-ID: <v03007802aedfa6d8c040@[134.53.65.12]>

Hi Gang,

A friend of mine is looking for the installation instructions for a KWM-1 noise blanker, model 136B-1. The noise blanker could be user-installed, and came with a set of instructions which my friend wants. He's got a KWM-1 with installed blanker (the lucky dog!) and is trying to figure out how it's hooked up. Pse let me know if you 've got a copy. Thanks,

Jim W8ZR

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996

From: 4CX250B@miavx1.acs.muohio.edu

Subject: Info Needed: article on modifying the KWM-1
Message-ID: <v03007805aee0bde9d373@[134.53.5.143]>

Hi Gang,

I'm writing a piece on the KWM-1 and am trying to gather some info on the rig. I vaguely recall reading an article, years ago, which proposed a modification of the KWM-1 to allow five band operation. If I remember correctly, the modification was essentially unworkable and led many owners to butcher their M1s --thus partly explaining the few number in existence today. Could anybody supply me with a reference for the article, or, better yet, a copy? I also understand that about 1300 KWM-1s were manufactured, and wonder if anybody can confirm the number. Any other useful info about the little grey box would also be appreciated. Thanks.

Jim W8ZR

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: Hans Jense <jense@eos.arc.nasa.gov>
Subject: Info on "official" BC-221 power supply
Message-ID: <199612202236.0AA20406@eos.arc.nasa.gov>

Dear fellow listmembers,

recently my attentio was caught by a For Sale message of a BC-221 heterodyne frequency meter that was allegedly in mint shape *and* included a built-in AC power supply, type RA-133-B. I've never heard of this PS, but as I have a very nice BC-221 myself I'd like to either buy such a PS or build as close a copy of it as possible. My original BC-221 manual has nothing on this PS, so I'd appreciate any documentation on this unit.

Happy holidays to you all,

-- Hans

```
=====
Dr. G. J. Jense      | Command & Control and Simulation Division
Senior Scientist     | TNO Physics and Electronics Laboratory
Virtual Environments | The Hague, The Netherlands
-----
```

Currently on leave at:

- - - - -



Human and Systems Technology Branch
NASA Ames Research Center
Code AFH, Mail Stop 262-2
Moffett Field, CA 94035-1000

Phone: (415) 604-1877
Fax: (415) 604-3729
Email: jense@eos.arc.nasa.gov

=====
From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: Spencer Petri <spetri@e-tex.com>
Subject: Interesting Place.
Message-ID: <m0vb70W-0000KhC@e-tex.com>

Hello gang,

Came across <http://www.telepath.com/dwarders>

Some good BA stuff.

73 de Pete WA5JCI

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: km1h@juno.com
Subject: lost power/msgs agn
Message-ID: <19961220.180508.9911.10.km1h@juno.com>

About 10 seconds after I downloaded my BA mail the power went off...never got a chance to save. This is all a residual effect fm the big storm earlier this month up here in NH.

Any BA's that sent me a msg on 12/20 pse resend.

If the "Administrator" has a problem with this msg I suggest he take a Prozac.

Tnx to a great bunch.....Carl

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: dr.electron@juno.com (Richard L Paton)
Subject: RE: Mic Xfmrs

Message-ID: <19961220.140217.6759.2.dr.electron@juno.com>

Yo. Try: ALL ELECTRONICS , P.O. BOX 567, VAN NUYS , CA. 91408
800 826 5432 / 818 904 0524 / FAX : 818 781 2653 / 24

HRS

7 DAYS. (except toll free #) <http://www.allcorp.com/>
E-mail : allcorp@allcorp.com

Fall/winter 96 catalog page 41 center. 0.6" x 0.59" x 0.47"
audio xfmr, 600 ct pri / 10 k ct sec @ 75 mw \$ 1.25 ea.
(plus others)

If you haven't browsed this catalog, check it out. Lots of
goodies for cheap, some deals ridiculous ~ don't let 'em
know, though !

Have had only good experiences here.

Does anyone out there have text RE: Good basic procedures
for gently arousing overstored anchors, i.e. variac & more
tips, etc. ? Burning parts don't smell like victory !

Also , info RE: Scanning schematics, pubs, etc. ?????

Thanks to all who helped with URR - 35 data. Keep 'em
coming.

Anyone in need of large to humongous 3 pole
contactors,etc? <NEMA 3 / 4 / 5 rebuilt, very good cond.>
CHEEP.

HOLIDAY WARM & FUZZIES, RICH P. dr.electron@juno.com

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996

From: "D.D. Todd" <dube3@n-link.com>

Subject: More BA Test Equipment

Message-ID: <32BB2578.1959@n-link.com>

For those who collect BA Test Equipment: I have a HP405 DVM. All
vacuum-state! Uses four nixie tubes for readout. It's auto-ranging, too.
Rack-mount version, no manual. \$75 plus ship from Central Texas.

--

73,

Dube Todd

K4DWW

dube3@n-link.com

Tell yourself NO now and then; it's good for you.

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: "David M. Upton" <david@wb1cmg.mv.com>
Subject: More HRO trivia
Message-ID: <32BA37FA.7D57@wb1cmg.mv.com>

Re: Origins of National "HRO"

In a very well-written and researched summary of a series of interviews with James Millen, W1HRX, published in the AWA OTB probably about 10 yrs. back by Alan Douglas, the following was noted....

Some years after the HRO became well-known and before Millen left National, he desired to change his amateur call to reflect his one-land residency. He had requested the call letters HRO and was assured that this was possible. Of course, when the ticket arrived, the issued call was W1HRX! I highly recommend this article to anyone who is serious about National's history as well as Millen's firm somewhat later on. There are also pictures of a very nicely designed TRANSCEIVER prototype- the only one known to exist-from 1946. Oh what might have been!

David M. Upton, WB1CMG

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: mack@mails.imed.com
Subject: More Octal thingies
Message-ID: <9611208511.AA8511110964@mails.imed.com>

Oops!! They are an octal *plug* mounted on a square metal piece, not a socket as I said in the first post.

Ray Mack

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: Mystery photo, Thirties Hamshack
Message-ID: <A4657ZWPYLWKTR*/R=OUVAXA/R=A1/U=POST/@MHS>

Thermionics addicts,

I found a dirty, curled snapshot of a 1930's hamshack in a box of old tubes that the seller said he bought at an auction a few years earlier. He knew nothing about the photo. I cleaned the photo and kept it pressed in a book to flatten it out. I later was able to identify the individuals pictured, tentatively identify the receiver, date the photo, and positively identify

the event that surrounded the photo. Try your hand at identification. I scanned the photo and have it available at the following URL.
<http://ouvaxa.cats.ohiou.edu/~post/PIX/hampic.htm>

After the holidays, I'll let you know "the rest of the story" and will acknowledge correct identification.

May you all enjoy the "Light" and the "Warm glow" of the holidays.

Rich KB8TAD <postr@ohiou.edu>

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: spr@earthlink.net (Scott Robinson)
Subject: Navy RBC-3 radio
Message-ID: <v01530502aedf7745c568@[153.34.197.12]>

This is from rec.antiques.radio+phono. Please respond to HIM, NOT ME!!!

I have an old Navy radio (RCA Model RBC-3){in good working condition} i was wondering if anyone could give me any info on its value and how many of them are out on the market? my E-mail address is

triabby@snowcrest.net

Scott Robinson
spr@earthlink.net
"Wait'll he puts on his stereo headphones..."

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: Rodger Singley <rbsing1@rs6000.cmp.ilstu.edu>
Subject: need 9 pin octals
Message-ID: <9612201639.AA48750@rs6000.cmp.ilstu.edu>

I am looking for 3 9 pin octal plugs to complete a couple of Johnson projects. If you have a Valiant or Ranger you would be familiar with these, they look just like the standard octal tube base except for the problematic extra pin.

Any leads appreciated!

Thanks,
Rodger WQ9E

rbsing1@rs6000.cmp.ilstu.edu

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: "Ray L. Mote" <rmote@rain.org>
Subject: Octal 8, 9, & 11-pin plugs/sockets
Message-ID: <Pine.SUN.3.95.961220153557.7386B-100000@coyote.rain.org>

Try either Newark or Allied. Both should have 'em. (I got mine at Newark, and they had the cable plug backshells & chassis spring clips as well.)

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: mack@mails.imed.com
Subject: Octal Plug Thingies
Message-ID: <9611208511.AA851108451@mails.imed.com>

Someone on BA list asked about the availability of Octal plug sockets and cases to add modifications. While looking in the Allied catalog to find 11 Pin sockets for someone for a Heath P/S, I found the desired things. They are a square piece of metal with an octal socket and a plastic cover about 1.5 to 2 inches.

The 11 pin sockets I found all are rather big with screw terminals. It will work, but it will be big and hard to insulate.

Ray Mack
WD5IFS
mack@mails.imed.com
Friendswood (Houston), TX

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: William Donzelli <william@ans.net>
Subject: Online again

Message-ID: <199612201606.AA28316@interlock.ans.net>

My new address is <william@ans.net>, and I am back to generate more dumb questions and esoteric facts about Navy stuff.

I do not have a mail address yet, and am unhappy that my goodies are 800 miles away. I will be looking for a storage locker soon, moving many of the beasts will be a project and a half - anyone want to help?

I switched jobs rather quickly, and may have left a few email conversations hanging. If any of you were part of one of these conversations, please email me so we can restart it.

Thank you.

William Donzelli
william@ans.net

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: "Joseph W. Pinner" <kc5ijd@net-connect.net>
Subject: Re: Optimal Filter Configuration for 75A-4
Message-ID: <199612201634.KAA02213@dns1.net-connect.net>

>Option C: Primary ssb operation

>

> 1.5 khz ssb filter

> 2.1 kHz ssb filter

> 3.1 khz ssb filter

>

>This choice provides three useful selectivities for ssb operation, and can
>be used as well for cw and am on an occasional basis.

I have to echo Jim's opinion about this configuration.

It is the way that I recently configured by A-4 and I would not go back.
And as he said also, the 3.1 Kc filter works well on AM if you are not
looking for the best fidelity.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@net-connect.net

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: bharris@smtphub.scs.philips.com (Brian Harris)
Subject: QSTs have all been sold
Message-ID: <2b9daa90@scs.philips.com>

Better luck next time.

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: Randy Zelick <h2rz@odin.cc.pdx.edu>
Subject: R390 meters & weirdness
Message-ID: <Pine.PTX.3.95.961220163428.24389B-100000@odin.cc.pdx.edu>

Hi y'all,

I spoke with Rich Mish this morning about his meter deal. Turns out all the used sets were sold in the first 1.5 days after the post to the net (evidently lotsa BAfolk with holes in their R390s)!

So I was chatting about using a generic replacement meter which fits in the same size hole and Rick claims this typically does not work. I asked what the movement was for the dB meter (signal strength) and he said 1 mA. So I said, well this is a common enough meter and there were plenty made in 390-size but for other applications, and many are even the same style as the R390 stock meters. Only the face would not have the same calibration (I can live with this).

Well Rick responded that not just any 1 mA meter will do. The meters, he says, have different impedances and you must find the **right** 1 mA meter.

OK I'll confess my ignorance -- I should think that if a meter is spec'ed to read 1 mA full scale and it is linear, it ought to read half-scale at 0.5 mA, etc and what difference does it make where the mA come from? Surely the R390 meter is driven with voltages pretty close to DC, so what's this impedance deal?

Please educate!

=Randy=

R. Zelick
Dept. Biology
Portland State University
P.O. Box 751
Portland, OR 97207
503-725-3086, 503-725-3888 (fax)

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
Subject: Re: R390 meters & weirdness
Message-ID: <v03007805aee0d8813b53@[134.53.65.12]>

>
>OK I'll confess my ignorance -- I should think that if a meter is spec'ed
>to read 1 mA full scale and it is linear, it ought to read half-scale at
>0.5 mA, etc and what difference does it make where the mA come from?
>Surely the R390 meter is driven with voltages pretty close to DC, so
>what's this impedance deal?
>
>Please educate!
>
>
>=Randy=
>

Hi Randy,

I don't know about the R390 circuit, but Rich is basically correct--not all mA meters are interchangeable in every circuit, even though the meters may have the same full scale value. The reason pertains to the relative impedances of the meter and of the circuit supplying the current. Ideally, a circuit to which a current meter is attached should approximate a "current source." An ideal current source has an infinite output impedance, which means that the current it "sources" is independent of the resistance of its load. The reason for this load independence is that any load resistance, no matter how large, is negligible compared to the infinite resistance of an ideal current source. (Current sources thus differ conceptually from "voltage sources," which ideally have zero output impedance. A voltage source supplies a constant voltage, no matter how SMALL the load resistance.)

The problem Rich is referring to arises because there ain't no such thing as a perfect current source. Any real circuit which supplies a current will do so through a finite, not infinite resistance. This fact means that the current delivered by the source will depend to some extent on the value of the load resistance.

For example, suppose your R390 had a 900 ohm output resistance in the meter-driving circuit, and the meter connected to the source had a 100 ohm resistance. Then, to provide 1 mA of current, the meter circuit would have to supply a voltage (known as a "compliance" voltage) of $V = 1\text{mA} \times (900\text{ ohms} + 100\text{ ohms}) = 1\text{Volt}$. Since the 1mA was the intended full scale current, a well-designed circuit wouldn't be able to supply voltage exceeding 1 V,

since there would be no need for it to do so.

Now suppose that the meter is replaced with another 1mA FS meter, but one which has an internal resistance of 1000 ohms (instead of 100 ohms). To supply 1mA to this new meter, the meter driver circuit would have to supply a compliance voltage of $V = 1\text{mA} \times (900\text{ ohms} + 1000\text{ ohms}) = 1.9\text{V}$. If, however, the circuit had been originally designed to supply a maximum voltage of only 1V, then it would do its best, but would only be able to drive $1\text{V}/1900\text{ohms} = .45\text{ mA}$ through the new meter. Thus one meter would read 1 mA in the circuit, but the other would only read 0.45 mA. This disparity doesn't mean either meter is inaccurate. It just means that the metering circuit couldn't supply enough voltage to drive the second meter to its full scale current.

This is probably more than you wanted to know....

73,

Jim W8ZR

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: joe.selkregg@amail.amdahl.com
Subject: Racal: Thanks!
Message-ID: <m0vaxR0-0000XWC@juts.ccc.amdahl.com>

Thanks for the responses to my request for info on the Racal.

Joe Selkregg

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Replacements for funky fuses --- ideas?
Message-ID: <9612202123.AA112665@csemail.cropsci.ncsu.edu>

I have a rig that uses some strange 250 v fuses (the ones that are about 1-1/2 inches long and 3/8 inch in diameter). I need fuses in 1,2,3,5,6,10, and 15 amp sizes in this medium cartridge format. Alas, the companies that used to make them are no-longer making them, and what few that are around are in 1/5/10/15 amp sizes. I was looking through the junk box and stumbled across a 2 amp 250v circuit breaker that mounts on a 3/8 hole and is about the size of a normal fuze holder. I am wondering if anyone has any sources for these odd circuit breakers, and has anyone used them to replace odd fuses that are not easily obtained, anymore?

73/ZUT DE NA4G/Bob UP

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: Jay Coward <jayc@hpcmr42.sj.hp.com>
Subject: Santa makes trade
Message-ID: <9612201640.AA05571@hpcmr42.sj.hp.com>

Happy Holidays to the Group,

Well, I ran into Santa Claus the other day and it turns out that he likes LW and BC dxing. He told me about a bunch of loop antennas that he had and asked if I wanted to trade some stuff for one. Well we struck a bargain and I now have the long sought after DU-1 loop antenna and mounting plate to go into the GF-11/RU-16 set that I'm putting together. Does anyone out in BA land have the coaxial banana plug that fits this unit? Would really like to find one.

Also need the manual for this. I do have a manual for the DW loop which is similar and could trade it for the correct DU manual.

And while on the subject of 'wants' I'm also looking for the shock mount and manual (or copy) for the ARB receiver. Oh, and a C-29/ARC-5 transmitter control box would really make this the best holiday ever!

73 Jay

PS If anyone sends e-mail to me over the holidays, I apologize in advance for not getting back to you until I return on Jan 2, '97

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: "Paul Bock" <pauboc@smtplink.pulse.com>
Subject: See you next year! Happy holidays and God Bless!
Message-ID: <9611208511.AA851115110@smtplink.pulse.com>

BAers,

I will be off-line all next week, so if you need to contact me do it before mid-afternoon today or I probably won't see it until 12/30. 'Course, you *may* find me lurking around 3579.5 kHz in the evenings, or lower in the band if the BA net isn't up.

A very Merry Christmas and Happy New Year to everyone on the list, their families & friends, and collectors, operators and

enthusiasts everywhere! May God's Blessings fill your lives and bring you every joy this season and always.

VY 73,

Paul, K4MSG

"For unto you is born this day in the city of David a Saviour, which is Christ the Lord." Luke 2:11

"And the Word was made flesh, and dwelt among us..."
John 1:14

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: FRANKK6NL@aol.com
Subject: Successful crystal grind.
Message-ID: <961219194546_1988474537@emout09.mail.aol.com>

I have just ground a 3530 mhz crystal up 30 kc to 3560. The procedure I used might be of interest to old and future grinders. Firstly, the crystal was a big 1"square one. Secondly, all I had to grind it on was a 4.5" square of plate glass which limited my grinding movements- but did save grinding compound. My grinding compound was 200 grit in a water slurry. The grit was obtained from a local lapidary house . These are sometimes known as rockhouses. Grits were available up to 1500. I think if I were to do it again , I would use a somewhat finer compound.

I ground on one side only. In grinding I held two opposite edges with the nails of my thumb and forefinger and applied pressure with the pads of those digits. (Is the thumb a digit?). I ground with about 25 figure eights. Then rotated the crystal 90 degrees and repeated . Then repeated again with the crystal held opposite the first position and finally opposite the second. This method assured planarity. Grinding with pressure on the center tends to grind the center down and the crystal stops oscillating. Then you have to grind the edges to get it going again. At no time during successive operations did my crystal fail to oscillate. After each operation the crystal was washed in running water and the cleaned up with a denatured alcohol rinse. Incidentally it took sometime for that alcohol to dry off. Maybe isopropyl would have evaporated faster . The crystal looked dry but it wasn't. Each of these grindings resulted in a 2 to 3 khz frequency increase. Hard to say exactly because the increase depended on the pressure applied and the consistency of the slurry. Before someone is sure to ask the question, I did not notice any reduction in the length of my finger nails . Start with them short and they stay clear of the slurry.

I initially tried to use a Comet slurry but the only Comet I could find was one with detergent and other soapy things in it. It foamed up and was hard to hold onto. Worst of all it persisted in cleaning off my pencil mark identifying the top of the crystal.

N 5AIT, W8KGI and other Classic Radio Exchange people will understand my need for a 3560 crystal !! Promise me not to change 80 and 40 again.

Frank K6NL

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: km1h@juno.com
Subject: Re: sweep generator
Message-ID: <19961219.192306.9911.32.km1h@juno.com>

Hello Dave. Here are a few of my own observations; there are many good resources on this reflector.

Sweepers are great for such things as staggered IF's, xtal filters, bandpass filters and general RF alignment. They can make life a lot easier when trying to align the RF/Mixer/Osc circuits all at one time in a typical general coverage rcvr. They can also open up a whole new world of experimenting possibilities. Very little has ever been published in ham mags about sweepers due to the original costs of the commercial gear.

The few construction articles that did appear were usually entry level or worse. How-to books are pretty much limited to the original mfgs and a few decent RF Design articles back in the 80's. If readers have other sources please share them.

Lots of 1960's era test equipment (HP, GR, and TEK quality from numerous mfgs) is showing up at real low prices as commercial users are upgrading to 80's era or the big bucks companies are into the latest HP microprocessor stuff. Personally, I would not waste my time or money on older test equipment (past 1955 or so but subject to a wide range of years) unless you are really into nostalgia and have a solid foundation in all of the repair, maintenance, calibration, and use nuances common to the era. It often took many hours longer to set up the test equipment in those days than the time to do the tests! We have certainly come a long way in that area.

At my shop the sweeper is indispensable (an old GR-1025A for LF thru low VHF and HP 8620C and 8690B systems from 100MHz up to 24GHz). All are BA's by current standards.

73 and GL.....Carl KM1H QRPP thru QRO QRV 1.8MHz to 10GHz Ham
since 1955 Plus I love Boatanchors

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: "Bob Ragain, 303-470-2534, RAGAIN@SEDALIA.OMNES.SLB.COM"
<RAGAIN@hubvx6.sedalia.wireline.slb.com>
Subject: TG-34 Code tape player
Message-ID: <961219161450.250704c7@hubvx6.sedalia.wireline.slb.com>

Fellow BA'ers

I've got a TG-34 paper tape code practice machine which works when I
interrupt the light beam but I have no tapes for it. Does anyone
know how the original tapes were made? I think I remember the tapes are
paper with inked strips on them.

Was there a companion device to create the tapes? I can just imagine some
unlucky Private hunkered over a roll of TTY tape with a big pen!

Does anyone have the tapes and need a machine to play them on?

Thanks,

Bob

Bob Ragain WB4ETT Littleton, CO 80121

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: TG-34 Code tape player
Message-ID: <Pine.ULT.3.95.961220081952.8197A-100000@admin.aurora.edu>

On Thu, 19 Dec 1996, Bob Ragain, 303-470-2534, RAGAIN@SEDALIA.OMNES.SLB.COM wrote:

> I've got a TG-34 paper tape code practice machine which works when I
> interrupt the light beam but I have no tapes for it. Does anyone
> know how the original tapes were made? I think I remember the tapes are
> paper with inked strips on them.
>
> Was there a companion device to create the tapes? I can just imagine some
> unlucky Private hunkered over a roll of TTY tape with a big pen!

I have what may be the recording unit to make the tapes. It is called a
RD-60, I believe. I bought it new from Fair Radio a number of years ago
to make "graphs" to analyze some FSK signals. It records on about a 3/8

inch wide paper tape, what looks like a square wave. In other words, the pen moves from one side to the other depending if there is signal or not. I don't remember where the ink marks appear on the tape player unit.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: mashaum@fcg.net (Mark Shaum)
Subject: That 6SB7 vs. 6SBY7
Message-ID: <M.122096.125347.80@NE9G>

A goodly number of bafolk have written to inform me that I must have mistyped and have a 6SB7Y, not a 6SBY7 as the mixer in my NC173. I took another looksee and it seems I have a real find here. The tube is undoubtedly a 6SB7Y, the specs match, etc. However, the little metal octal, Dumont manufacture (well, not sure if they made it or OEM'd it, but their logo is there), is indeed labeled 6SBY7.

Now, is this like those rare errors in printing stamps or minting coins, where the small number of items released to the public in error has assumed an absurd degree of value due to its uniqueness? <Grin>.

Next hamfest.. I offer: Unique, one of a kind factory mislabeled 6SBY7, \$1000 obo...<heheh>

Happy holidays, all!

Mark Shaum, K9TR
mashaum@fcg.net

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: "D.D. Todd" <dube3@n-link.com>
Subject: Re: That 6SB7 vs. 6SBY7
Message-ID: <32BB233F.5F63@n-link.com>

Mark Shaum wrote:

>

>Now, is this like those rare errors in printing stamps or minting

coins,
> where the small number of items released to the public in error has assumed an
> absurd degree of value due to its uniqueness? <Grin>.
>

I hope so. If so, I have a 117Z3 that is marked 6X4. Ought to bring at least as much!

--

Mery Christmas and 73,

Dube Todd

K4DWW

dube3@n-link.com

Tell yourself NO now and then; it's good for you.

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996

From: "Grant Youngman" <nq5t@gte.net>

Subject: Things ARE out of hand ..

Message-ID: <199612210124.TAA22816@smtp.gte.net>

Gang ..

I had been poking about for a CV-591/A and was offered one today for (GASP!) \$700.00. Even the potential seller referred to the price as "stunning". Duh? Needless to say, this particular unit will not find a place under my tree and I thought it was just the price of "Tickle Me Elmo" that had gotten out of hand :^)

Hope everyone has a very merry, safe and happy holiday

Regards ... Grant/NQ5T

Grant Youngman / NQ5T

nq5t@gte.net

<http://home1.gte.net/nq5t/index.htm>

Double Oak, TX -- nr Dallas

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996

From: roecker.greg@ist.mds.lmco.com

Subject: RE: Things ARE out of hand ..

Message-ID: <Chameleon.851135478.greg@roeckerpc.ist.mds.lmco.com>

and I thought it was just the price
>of "Tickle Me Elmo" that had gotten out of hand :^)

>

-----End of Original Message-----

. . . Does the TME (Tickle Me Elmo) run 811's or 833's????

. and the price of BA stuff has gotten out of hand . .
. but it keeps me off the streets at night!!!

73, and Happy Holidays . . .

Greg / n4osj

Greg Roecker
E-mail: roecker.greg@ist.mds.lmco.com
Voice: 770.668.1245
Fax: 770.698.5220
From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: Travel BAs?
Message-ID: <32BA9083.324F@GHG.net>

Hey Folks! Shoving off tomorrow morning for some vacation out at the folk's place in Huntsville Alabama. The good news is that all the weather they have had there has not blown down my 140' random wire! Yay! A real antenna!

So, being the BA nut I am, I am trying to figure out which BA to take home with me... I had been thinking of taking the R-390A, but it is rather heavy, so then I was thinking of taking the H'lund HQ-150 as it is a lot lighter and does SSB much better than the R-390A, but it just doesn't have the same pizzazz that the 390A does...

So what BA's do y'all take with you when you travel?

Thanks, 73, and SEASONS GREETINGS! ho ho ho

-Ben

--

From the computer of Benjamin D. Hall, Houston Texas
BDHall@GHG.net (home) -or- Benjamin.D.Hall1@JSC.NASA.gov
Collector of fine firebottle equipment, as well as other things involving Earth, Air, Water, and Fire.

PLEASE NOTE MY NEW HOME E-MAIL ADDRESS above. My old address, BDHALL@GHGCorp.com, will still work for a period of time however.

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: Travel BAs?
Message-ID: <Pine.ULT.3.95.961220084321.8197D-100000@admin.aurora.edu>

On Fri, 20 Dec 1996, Benjamin D. Hall wrote:

> So what BA's do y'all take with you when you travel?

If I am just gonna listen and not try and get on the air, I take either my Drake 2-B (with outboard xtal switch bank), or if I wanna be real portable I resort to the Yaesu FRG-7.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: jmlckwd@mindspring.com (Jim Lockwood)
Subject: Re: Travel BAs?
Message-ID: <199612202255.RAA21683@borg.mindspring.com>

At 07:11 AM 12/20/96 -0600, Benjamin D. Hall wrote:

>

>So, being the BA nut I am, I am trying to figure out which BA to take
>home with me...

>

>So what BA's do y'all take with you when you travel?

An SBE-34 that adopted me back in May has become my luggable BA radio. Being self contained (speaker, power supply, and radio in one slightly heavy box), and coming with a semi-convenient carrying case (home made), hauling the little thingy back and forth from right coast to left coast has been very doable. And I get my arm exercise carrying the thing from gate to gate when I change planes in Salt Lake.

73,

Jim - km6nk/4

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: Laird_Tom_N@hpmail1.90.deere.com

Subject: Ultra modulation??
Message-ID: <H00005a004791092@MHS>

I was talking with a couple guys on 3885kc AM last night and they were telling me they were running ultra-modulation. It got my interest up to find out more. Any books on the subject? Construction articles? etc.

Happy Holidays, Tom Laird WC9M Moline, IL
TL39597@deere.com

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: Spencer Petri <spetri@e-tex.com>
Subject: Variac Ka-nob Needed!
Message-ID: <m0vbBI3-0000ieC@e-tex.com>

Hello group,

Anyone got a knob that will fit a 3/4" variac shaft that they might want to get out of the shack?

73 de Pete WA5JCI

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: Jacqueline Herman <jherman@sierra.net>
Subject: Wanted: 50s-70s era ARRL Handbook
Message-ID: <Pine.SUN.3.91.961220193821.20090J-100000@diamond.sierra.net>

Just received the following request; can someone help this OM out?
He's interested in getting back on the air and wants to build tube gear. Please write directly to him - I'm just the messenger...
Jeff KH2PZ / 7

----- Forwarded message -----
From: Leon Wiltsey <leeboo@ct.net>

Hi I am looking for an old copy of the
Radio am. Handbook 1950-1970. Am disabled, had a stroke awhile back and a former ham (kp4bqp w4ryb)retired from the FAA
Govt pensions do not leave much for new fangled
solid state toys. If you could steer me to someone who has one I surew
would appreciate it. 73'S

Sebring fl.33872
tel 941 471 3739
call collect ask for lee

leeboo@ct.net

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)
67yr old senior
recovering from stroke
play keyboard and sing
music 1920's to 60'
none of the 90's noise
941 471 3739

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996

From: Sandy W5TVW <ebjr@worldnet.att.net>

Subject: Wanted: Mic. transformers

Message-ID: <19961220175706.AAA17@LOCALNAME>

Hello gang,

I am looking for a couple of very small transformers (like the UTC
'sub-ouncer' variety) Something to match low-impedance microphone (50-250
ohms) to grid
(5000 ohms or more.) Anybody got anything like that out there? A very small
(a cubic inch or less) 2000 ohm to voice coil transformer might do the job.

Anything out there in the junk box?

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: ELMAC PMR-7/PMR-12, Hallicrafters SR-75, 860 tubes

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996

From: Bob Roehrig <bproehrig@admin.aurora.edu>

Subject: Re: Wanted: Mic. transformers

Message-ID: <Pine.ULT.3.95.961220122140.22843A-100000@admin.aurora.edu>

On Fri, 20 Dec 1996, Sandy W5TVW wrote:

> I am looking for a couple of very small transformers (like the UTC
> 'sub-ouncer' variety) Something to match low-impedance microphone (50-250
> ohms) to grid (5000 ohms or more.)

If you can cope with an external unit, Radio Shack has a nice in-line

unit: 3 pin Cannon type connector for the lo-z side, and 1/4 inch phone plug on the hi-z side.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: "Bob Duckworth" <wb4mnf@atl.org>
Subject: Western Electric BC603D \$10 million or best offer :-)
Message-ID: <199612210009.TAA28332@atl.org>

Howdy-

Getting tired of tripping over these two 603s. One of which is WE
Smaller toys sought in exchange.

-bob
wb4mnf

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: Eugene Rippen <soundval@foothill.net>
Subject: What do it do?
Message-ID: <32BB5895.6F3A@foothill.net>

I have a couple of items I have now taken time to look at, from the stuff
I got last February. To say the least, I know little about these.

What do they do? How do they do it? And can anyone send me copies of
manuals, for which I will gladly pay your reasonable amount.

AND - - HERE they are!

BACH-SIMPSON Model 77 Wavemeter.

RADIOPHONE CO., INC. Bandscanner Model 44001-502. This is not what we
normally call a scanner. It is a Panoramic Adapter.

Gene

From boatanchors@theporch.com Fri Dec 20 21:51:45 1996
From: djhutch@concentric.net
Subject: What is an RT-66?
Message-ID: <32BB06A5.371C@concentric.net>

Good day all:

I was in our local Army surplus shop today when I ran across a set of green boxes. I knew instantly I was looking at some fine military BA ware. After inspecting the front panel I rubbed the dust off the nameplate to find that I was gazing at an "RT-66" and its matching power supply.

Can anyone share with me any history on this beastie? Is the RT-66 considered a rare find or is it garden variety BA surplus?

Any help would be appreciated. I am not knowledgeable at all in the military surplus arena so please don't assume anything!

73's

Dave Hutchison KW9U

From boatanchors@theporch.com Fri Dec 20 11:16:33 1996
From: fbsnyder@mail04.mitre.org (Forrest B. Snyder Jr)
Subject: Re: what would be the simplest ham xcvr ever manufactured?
Message-ID: <961220080237.21915@mail04.mitre.org.0>

Wow! Do you have a schematic? Is it "locally reproduceable"? Can you eMail or fax it?

Sounds like quite the project for a cold winter's night.

Forrest Snyder N4UTY
fbsnyder@mitre.org
Ham Radio -- Your magical mystery tour.

>no! no! no! i mean ridiculously simple. actually what inspired this query
>was that
>i recently acquired a "WESKIT BN-1" novice transceiver 80-40M, uses one tube
>(3a5). i watt "coast to coast" power.
>hue miller
>
>